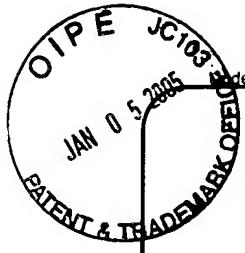


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Total Number of Pages in This Submission

Application Number	10/723,574
Filing Date	11/26/2003
First Named Inventor	Ba-Zhong Shen, Ph.D.
Art Unit	2133
Examiner Name	Albert Decayd
Total Number of Pages in This Submission	10
Attorney Docket Number	BP3134

ENCLOSURES (Check all that apply)

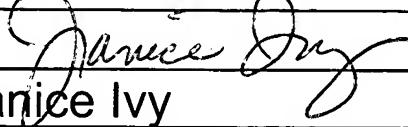
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached (via credit card payment form PTO-2038) <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (including hard copies of non-U.S. patent reference) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): see remarks below
Remarks The following are also being submitted herewith: 1. cover sheet (2 pages) 2. Cover letter from foreign associate and European Search Report (5 pages) 3. IDS forms (PTO/SB/08A, 1 sheet and PTO/SB/08B, 1 sheet) 4. hard copies of non-U.S. patent references 5. return postcard		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Garlick Harrison & Markison, LLP (USPTO CN 34399)		
Signature	/SXShort/		
Printed name	Shayne X. Short, Ph.D.		
Date	12/23/2004	Reg. No.	45,105

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Janice Ivy	Date	12/23/2004

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**PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Inventor(s): Ba-Zhong Shen,
Hau Thien Tran, and
Dr. Kelly Brian Cameron

Application Serial No: 10/723,574

Application Filing Date: 11/26/2003

Patent No: n/a

Patent Issue Date: n/a

Title: LDPC (Low Density Parity Check) coded modulation hybrid decoding

Examiner: Albert Decady

Art Group: 2133

Confirmation No: 9932

Attorney Docket No: BP3134

Date: 12/23/2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

It is requested that the enclosed reference(s) listed on the attached Information Disclosure Statement by Applicant be considered by the Examiner in connection with the above-identified patent application and be made of record therein. A European Search Report has been made for a related EP patent application. The cover letter provided by our foreign associate and the actual European Search Report are being submitted herewith in addition to copies of the reference(s) cited within the European Search Report.

Certification Under 37 C.F.R. § 1.97(e)(1)

I hereby certify that the corresponding enclosed reference(s) were cited in a European Search Report (copy enclosed) dated October 12, 2004 (10/12/2004) from the European Patent Office concerning European Patent Application No. 04009997.0 (Attorney Docket No. BP3134EP), not more than three months prior to the filing of this Information Disclosure Statement by Applicant.

Independent consideration and acknowledgment of the enclosed references is respectfully requested.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present patent application, or if the Examiner has any additional questions or concerns.

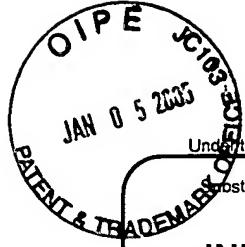
RESPECTFULLY SUBMITTED,

By: /SXShort/
Shayne X. Short, Ph.D.
Reg. No. 45,105
Direct Phone: (512) 825-1145
Direct Fax No. (512) 394-9006

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PTO/SB/08A (08-03)

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~~Substitute for form 1449/PTO~~

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/723,574
Filing Date	11/26/2003
First Named Inventor	Ba-Zhong Shen, Ph.D.
Art Unit	2133
Examiner Name	Albert Decady
Attorney Docket Number	BP3134

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

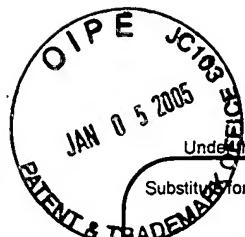
Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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				<i>Complete if Known</i>	
				Application Number	10/723,574
				Filing Date	11/26/2003
				First Named Inventor	Ba-Zhong Shen, Ph.D.
				Art Unit	2133
				Examiner Name	Albert Decady
Sheet	2	of	2	Attorney Docket Number	BP3134

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		XIAO-YU HU; ELEFTHERIOU, E.; ARNOLD, D.-M.; DHOLAKIA, A.: "Efficient Implementations of the Sum-Product Algorithm for Decoding LDPC Codes" GLOBAL TELECOMMUNICATIONS CONFERENCE, 2001. GLOBECOM '01. IEEE, vol. 2, November 29, 2001 (11/29/2001), pages 1036-1036E, XP002286249 *the whole document*	
		RAVI NARAYANASWAMI: "Coded Modulation with Low Density Parity Check Codes" June 2001 (2001-06), TEXAS UNIVERSITY, US, XP002286262, page 6-page 12; page 13-page 24	
		MITTELHOLZER T ET AL: "Reduced-complexity decoding of low density parity check codes for generalized partial response channels" IEEE TRANSACTIONS ON MAGNETICS, IEEE INC. NEW YORK, US, vol. 37, no. 2 pt1, March 2001 (2001-03), pages 721-728, XPO02177074 ISSN: 0018-9464 *the whole document*	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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